APPARATUS AND METHOD FOR DE-PRIORITIZATION OF BYPASS PACKETS IN A PACKET BASED COMMUNICATION SYSTEM

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ABSTRACT OF THE DISCLOSURE

A method and apparatus for de-prioritizing mobile-to-mobile calls in favor of mobile-to-landline calls in a communication system. De-prioritizing mobile-to-mobile calls, which are less sensitive to infrastructure delays due to their bypass of encoding and decoding steps, allows more delay sensitive mobile-to-landline calls requiring extra processing time due to encoding and decoding to be transmitted over a communication system first. A control processor creates a modified FIFO queue to effect a queuing scheme to de-prioritize mobile-to-mobile calls. Application of the de-prioritizing scheme in a packet based network affords an increase in the quality of mobile-landline calls while not adversely affecting quality of service for mobile-to-mobile calls.